

Dariusz Gora

List of Publications by Year in descending order

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167
papers

14,632
citations

28274

55
h-index

18130

120
g-index

172
all docs

172
docs citations

172
times ranked

8238
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for High-Energy Extraterrestrial Neutrinos at the IceCube Detector. <i>Science</i> , 2013, 342, 1242856.	12.6	1,048
2	Observation of High-Energy Astrophysical Neutrinos in Three Years of IceCube Data. <i>Physical Review Letters</i> , 2014, 113, 101101.	7.8	873
3	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	12.6	654
4	Properties and performance of the prototype instrument for the Pierre Auger Observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004, 523, 50-95.	1.6	647
5	Correlation of the Highest-Energy Cosmic Rays with Nearby Extragalactic Objects. <i>Science</i> , 2007, 318, 938-943.	12.6	647
6	First Observation of PeV-Energy Neutrinos with IceCube. <i>Physical Review Letters</i> , 2013, 111, 021103.	7.8	578
7	Observation of the Suppression of the Flux of Cosmic Rays above 4×10^{19} eV. <i>Physical Review Letters</i> , 2008, 101, 061101.	7.8	500
8	The Pierre Auger Cosmic Ray Observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 798, 172-213.	1.6	442
9	Measurement of the Depth of Maximum of Extensive Air Showers above 10^{18} eV. <i>Physical Review Letters</i> , 2010, 104, 091101.	7.8	429
10	Measurement of the energy spectrum of cosmic rays above 1018 eV using the Pierre Auger Observatory. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 685, 239-246.	4.1	357
11	A COMBINED MAXIMUM-LIKELIHOOD ANALYSIS OF THE HIGH-ENERGY ASTROPHYSICAL NEUTRINO FLUX MEASURED WITH ICECUBE. <i>Astrophysical Journal</i> , 2015, 809, 98.	4.5	337
12	Correlation of the highest-energy cosmic rays with the positions of nearby active galactic nuclei. <i>Astroparticle Physics</i> , 2008, 29, 188-204.	4.3	305
13	An absence of neutrinos associated with cosmic-ray acceleration in $\hat{1}^3$ -ray bursts. <i>Nature</i> , 2012, 484, 351-354.	27.8	272
14	Update on the correlation of the highest energy cosmic rays with nearby extragalactic matter. <i>Astroparticle Physics</i> , 2010, 34, 314-326.	4.3	270
15	Evidence for Astrophysical Muon Neutrinos from the Northern Sky with IceCube. <i>Physical Review Letters</i> , 2015, 115, 081102.	7.8	247
16	Search for Dark Matter Annihilations in the Sun with the 79-String IceCube Detector. <i>Physical Review Letters</i> , 2013, 110, 131302.	7.8	235
17	The design and performance of IceCube DeepCore. <i>Astroparticle Physics</i> , 2012, 35, 615-624.	4.3	222
18	Measurement of the Proton-Air Cross Section at $\sqrt{s} = 57$ TeV at the Pierre Auger Observatory. <i>Physical Review Letters</i> , 2012, 109, 062002.	7.8	212

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19	Atmospheric and astrophysical neutrinos above 1 \hat{A} TeV interacting in IceCube. <i>Physical Review D</i> , 2015, 91, .	4.7	209
20	THE CONTRIBUTION OF FERMI-2LAC BLAZARS TO DIFFUSE TEV \hat{A} PEV NEUTRINO FLUX. <i>Astrophysical Journal</i> , 2017, 835, 45.	4.5	186
21	Energy reconstruction methods in the IceCube neutrino telescope. <i>Journal of Instrumentation</i> , 2014, 9, P03009-P03009.	1.2	171
22	IceTop: The surface component of IceCube. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 700, 188-220.	1.6	166
23	Upper limit on the cosmic-ray photon flux above 10 ¹⁹ eV using the surface detector of the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2008, 29, 243-256.	4.3	161
24	Flavor Ratio of Astrophysical Neutrinos above 35 \hat{A} TeV in IceCube. <i>Physical Review Letters</i> , 2015, 114, 171102.	7.8	156
25	Trigger and aperture of the surface detector array of the Pierre Auger Observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 613, 29-39.	1.6	151
26	SEARCHES FOR EXTENDED AND POINT-LIKE NEUTRINO SOURCES WITH FOUR YEARS OF ICECUBE DATA. <i>Astrophysical Journal</i> , 2014, 796, 109.	4.5	149
27	Upper Limit on the Diffuse Flux of Ultrahigh Energy Tau Neutrinos from the Pierre Auger Observatory. <i>Physical Review Letters</i> , 2008, 100, 211101.	7.8	141
28	Searches for Sterile Neutrinos with the IceCube Detector. <i>Physical Review Letters</i> , 2016, 117, 071801.	7.8	140
29	SEARCH FOR PROMPT NEUTRINO EMISSION FROM GAMMA-RAY BURSTS WITH ICECUBE. <i>Astrophysical Journal Letters</i> , 2015, 805, L5.	8.3	124
30	Measurement of South Pole ice transparency with the IceCube LED calibration system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 711, 73-89.	1.6	122
31	IceCube sensitivity for low-energy neutrinos from nearby supernovae. <i>Astronomy and Astrophysics</i> , 2011, 535, A109.	5.1	121
32	Upper limit on the cosmic-ray photon fraction at EeV energies from the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2009, 31, 399-406.	4.3	117
33	OBSERVATION OF ANISOTROPY IN THE GALACTIC COSMIC-RAY ARRIVAL DIRECTIONS AT 400 TeV WITH ICECUBE. <i>Astrophysical Journal</i> , 2012, 746, 33.	4.5	115
34	Measurement of the cosmic ray energy spectrum with IceTop-73. <i>Physical Review D</i> , 2013, 88, .	4.7	114
35	AN ALL-SKY SEARCH FOR THREE FLAVORS OF NEUTRINOS FROM GAMMA-RAY BURSTS WITH THE ICECUBE NEUTRINO OBSERVATORY. <i>Astrophysical Journal</i> , 2016, 824, 115.	4.5	109
36	OBSERVATION OF ANISOTROPY IN THE ARRIVAL DIRECTIONS OF GALACTIC COSMIC RAYS AT MULTIPLE ANGULAR SCALES WITH IceCube. <i>Astrophysical Journal</i> , 2011, 740, 16.	4.5	103

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37	Limit on the diffuse flux of ultrahigh energy tau neutrinos with the surface detector of the Pierre Auger Observatory. <i>Physical Review D</i> , 2009, 79, .	4.7	99
38	IceCube sensitivity for low-energy neutrinos from nearby supernovae (<i>Corrigendum</i>). <i>Astronomy and Astrophysics</i> , 2014, 563, C1.	5.1	94
39	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. <i>Physical Review D</i> , 2016, 93, .	4.7	92
40	An upper limit to the photon fraction in cosmic rays above 1019eV from the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2007, 27, 155-168.	4.3	90
41	Search for a diffuse flux of astrophysical muon neutrinos with the IceCube 40-string detector. <i>Physical Review D</i> , 2011, 84, .	4.7	87
42	Determining neutrino oscillation parameters from atmospheric muon neutrino disappearance with three years of IceCube DeepCore data. <i>Physical Review D</i> , 2015, 91, .	4.7	86
43	OBSERVATION OF COSMIC-RAY ANISOTROPY WITH THE ICETOP AIR SHOWER ARRAY. <i>Astrophysical Journal</i> , 2013, 765, 55.	4.5	85
44	A study of the effect of molecular and aerosol conditions in the atmosphere on air fluorescence measurements at the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2010, 33, 108-129.	4.3	84
45	SEARCH FOR TIME-INDEPENDENT NEUTRINO EMISSION FROM ASTROPHYSICAL SOURCES WITH 3 yr OF IceCube DATA. <i>Astrophysical Journal</i> , 2013, 779, 132.	4.5	81
46	Search for a diffuse flux of astrophysical muon neutrinos with the IceCube 59-string configuration. <i>Physical Review D</i> , 2014, 89, .	4.7	74
47	Search for first harmonic modulation in the right ascension distribution of cosmic rays detected at the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2011, 34, 627-639.	4.3	73
48	ANISOTROPY IN COSMIC-RAY ARRIVAL DIRECTIONS IN THE SOUTHERN HEMISPHERE BASED ON SIX YEARS OF DATA FROM THE ICECUBE DETECTOR. <i>Astrophysical Journal</i> , 2016, 826, 220.	4.5	72
49	Constraints on the extremely-high energy cosmic neutrino flux with the IceCube 2008-2009 data. <i>Physical Review D</i> , 2011, 83, .	4.7	68
50	Multiyear search for dark matter annihilations in the Sun with the AMANDA-II and IceCube detectors. <i>Physical Review D</i> , 2012, 85, .	4.7	66
51	Measurement of the Atmospheric $\langle \mathbb{1} \rangle^{1/2} e$ Flux in IceCube. <i>Physical Review Letters</i> , 2013, 110, 151105.	7.8	64
52	A cut-off in the TeV gamma-ray spectrum of the SNR Cassiopeia A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2956-2962.	4.4	64
53	Upper Limit on the Photon Fraction in Highest-Energy Cosmic Rays from AGASA Data. <i>Physical Review Letters</i> , 2005, 95, 171102.	7.8	56
54	SEARCHES FOR TIME-DEPENDENT NEUTRINO SOURCES WITH ICECUBE DATA FROM 2008 TO 2012. <i>Astrophysical Journal</i> , 2015, 807, 46.	4.5	56

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55	Improved limits on dark matter annihilation in the Sun with the 79-string IceCube detector and implications for supersymmetry. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 022-022.	5.4	56
56	Detection of very high energy gamma-ray emission from the gravitationally lensed blazar QSO B0218+357 with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2016, 595, A98.	5.1	56
57	The exposure of the hybrid detector of the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2011, 34, 368-381.	4.3	54
58	Performance of the MAGIC telescopes under moonlight. <i>Astroparticle Physics</i> , 2017, 94, 29-41.	4.3	54
59	IceCube search for dark matter annihilation in nearby galaxies and galaxy clusters. <i>Physical Review D</i> , 2013, 88, .	4.7	53
60	Search for dark matter annihilation in the Galactic Center with IceCube-79. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	52
61	Anisotropy studies around the galactic centre at EeV energies with the Auger Observatory. <i>Astroparticle Physics</i> , 2007, 27, 244-253.	4.3	51
62	Search for ultrahigh energy neutrinos in highly inclined events at the Pierre Auger Observatory. <i>Physical Review D</i> , 2011, 84, .	4.7	51
63	Characterization of the atmospheric muon flux in IceCube. <i>Astroparticle Physics</i> , 2016, 78, 1-27.	4.3	51
64	The potential role of rodents in the enzootic cycle of Rift Valley fever virus in Senegal. <i>Microbes and Infection</i> , 2000, 2, 343-346.	1.9	50
65	Measurement of Atmospheric Neutrino Oscillations with IceCube. <i>Physical Review Letters</i> , 2013, 111, 081801.	7.8	49
66	THE FIRST COMBINED SEARCH FOR NEUTRINO POINT-SOURCES IN THE SOUTHERN HEMISPHERE WITH THE ANTARES AND ICECUBE NEUTRINO TELESCOPES. <i>Astrophysical Journal</i> , 2016, 823, 65.	4.5	49
67	Multiband variability studies and novel broadband SED modeling of Mrk 501 in 2009. <i>Astronomy and Astrophysics</i> , 2017, 603, A31.	5.1	49
68	Measurement of the Atmospheric $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">e^{-\tau/2} \rangle$ Spectrum with IceCube. <i>Physical Review D</i> , 2015, 91, .	4.7	48
69	Probing the origin of cosmic rays with extremely high energy neutrinos using the IceCube Observatory. <i>Physical Review D</i> , 2013, 88, .	4.7	47
70	Search for astrophysical tau neutrinos in three years of IceCube data. <i>Physical Review D</i> , 2016, 93, .	4.7	44
71	Atmospheric effects on extensive air showers observed with the surface detector of the Pierre Auger observatory. <i>Astroparticle Physics</i> , 2009, 32, 89-99.	4.3	43
72	Simulation of ultra-high energy photon propagation in the geomagnetic field. <i>Computer Physics Communications</i> , 2005, 173, 71-90.	7.5	42

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73	Searching for soft relativistic jets in core-collapse supernovae with the IceCube optical follow-up program. <i>Astronomy and Astrophysics</i> , 2012, 539, A60.	5.1	40
74	Deep observation of the NGC 1275 region with MAGIC: search of diffuse γ -ray emission from cosmic rays in the Perseus cluster. <i>Astronomy and Astrophysics</i> , 2016, 589, A33.	5.1	40
75	Search for non-relativistic magnetic monopoles with IceCube. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	39
76	THE DETECTION OF A SN IIn IN OPTICAL FOLLOW-UP OBSERVATIONS OF ICECUBE NEUTRINO EVENTS. <i>Astrophysical Journal</i> , 2015, 811, 52.	4.5	39
77	Development of a general analysis and unfolding scheme and its application to measure the energy spectrum of atmospheric neutrinos with IceCube. <i>European Physical Journal C</i> , 2015, 75, 116.	3.9	38
78	All-flavour search for neutrinos from dark matter annihilations in the Milky Way with IceCube/DeepCore. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	37
79	An improved method for measuring muon energy using the truncated mean of dE/dx . <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 703, 190-198.	1.6	36
80	Long-term multi-wavelength variability and correlation study of Markarian 421 from 2007 to 2009. <i>Astronomy and Astrophysics</i> , 2016, 593, A91.	5.1	36
81	Cosmic ray composition and energy spectrum from 1×10^{30} PeV using the 40-string configuration of IceTop and IceCube. <i>Astroparticle Physics</i> , 2013, 42, 15-32.	4.3	34
82	Observation of the cosmic-ray shadow of the Moon with IceCube. <i>Physical Review D</i> , 2014, 89, .	4.7	34
83	Searches for small-scale anisotropies from neutrino point sources with three years of IceCube data. <i>Astroparticle Physics</i> , 2015, 66, 39-52.	4.3	34
84	Multiwavelength observations of a VHE gamma-ray flare from PKS 1510-089 in 2015. <i>Astronomy and Astrophysics</i> , 2017, 603, A29.	5.1	33
85	Cosmic-Ray Extremely Distributed Observatory. <i>Symmetry</i> , 2020, 12, 1835.	2.2	33
86	Search for signatures of magnetically-induced alignment in the arrival directions measured by the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2012, 35, 354-361.	4.3	32
87	Universal lateral distribution of energy deposit in air showers and its application to shower reconstruction. <i>Astroparticle Physics</i> , 2006, 24, 484-494.	4.3	31
88	Search for correlations between the arrival directions of IceCube neutrino events and ultrahigh-energy cosmic rays detected by the Pierre Auger Observatory and the Telescope Array. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 037-037.	5.4	31
89	Search for Galactic PeV gamma rays with the IceCube Neutrino Observatory. <i>Physical Review D</i> , 2013, 87, .	4.7	29
90	Multimessenger search for sources of gravitational waves and high-energy neutrinos: Initial results for LIGO-Virgo and IceCube. <i>Physical Review D</i> , 2014, 90, .	4.7	29

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91	Searches for relativistic magnetic monopoles in IceCube. <i>European Physical Journal C</i> , 2016, 76, 1.	3.9	29
92	A SEARCH FOR SPECTRAL HYSTERESIS AND ENERGY-DEPENDENT TIME LAGS FROM X-RAY AND TeV GAMMA-RAY OBSERVATIONS OF Mrk 421. <i>Astrophysical Journal</i> , 2017, 834, 2.	4.5	29
93	Multipole analysis of IceCube data to search for dark matter accumulated in the Galactic halo. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	28
94	LOWERING ICECUBE'S ENERGY THRESHOLD FOR POINT SOURCE SEARCHES IN THE SOUTHERN SKY. <i>Astrophysical Journal Letters</i> , 2016, 824, L28.	8.3	27
95	Electron correlations in stripe phases for doped antiferromagnets. <i>Physical Review B</i> , 1999, 60, 7429-7439.	3.2	26
96	Investigating the peculiar emission from the new VHE gamma-ray source H1722+119. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3271-3281.	4.4	26
97	Lateral distribution of muons in IceCube cosmic ray events. <i>Physical Review D</i> , 2013, 87, .	4.7	25
98	Improvement in fast particle track reconstruction with robust statistics. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 736, 143-149.	1.6	25
99	Constraining Lorentz Invariance Violation Using the Crab Pulsar Emission Observed up to TeV Energies by MAGIC. <i>Astrophysical Journal, Supplement Series</i> , 2017, 232, 9.	7.7	25
100	Primary particle type of the most energetic Fly's Eye air shower. <i>Astroparticle Physics</i> , 2004, 21, 479-490.	4.3	24
101	The effect of the geomagnetic field on cosmic ray energy estimates and large scale anisotropy searches on data from the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 022-022.	5.4	24
102	Very high-energy gamma-ray follow-up program using neutrino triggers from IceCube. <i>Journal of Instrumentation</i> , 2016, 11, P11009-P11009.	1.2	24
103	Potential for leaching of heavy metals in open-burning bottom ash and soil from a non-engineered solid waste landfill. <i>Chemosphere</i> , 2016, 147, 144-154.	8.2	24
104	Indirect dark matter searches in the dwarf satellite galaxy Ursa Major II with the MAGIC telescopes. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 009-009.	5.4	24
105	Search for neutrino-induced particle showers with IceCube-40. <i>Physical Review D</i> , 2014, 89, .	4.7	23
106	Constraints on particle acceleration in SS433/W50 from MAGIC and H.E.S.S. observations. <i>Astronomy and Astrophysics</i> , 2018, 612, A14.	5.1	23
107	First multi-wavelength campaign on the gamma-ray-loud active galaxy IC 310. <i>Astronomy and Astrophysics</i> , 2017, 603, A25.	5.1	22
108	Super-orbital variability of LS I +61°303 at TeV energies. <i>Astronomy and Astrophysics</i> , 2016, 591, A76.	5.1	21

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109	Search for relativistic magnetic monopoles with IceCube. <i>Physical Review D</i> , 2013, 87, .	4.7	20
110	South Pole glacial climate reconstruction from multi-borehole laser particulate stratigraphy. <i>Journal of Glaciology</i> , 2013, 59, 1117-1128.	2.2	20
111	Search for VHE gamma-ray emission from Geminga pulsar and nebula with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2016, 591, A138.	5.1	20
112	Search for ultrahigh-energy tau neutrinos with IceCube. <i>Physical Review D</i> , 2012, 86, .	4.7	19
113	Observations of Sagittarius A* during the pericenter passage of the G2 object with MAGIC. <i>Astronomy and Astrophysics</i> , 2017, 601, A33.	5.1	17
114	Characteristics of geomagnetic cascading of ultra-high energy photons at the southern and northern sites of the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2007, 27, 174-184.	4.3	16
115	The Pierre Auger Observatory scaler mode for the study of solar activity modulation of galactic cosmic rays. <i>Journal of Instrumentation</i> , 2011, 6, P01003-P01003.	1.2	16
116	The Lateral Trigger Probability function for the Ultra-High Energy Cosmic Ray showers detected by the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2011, 35, 266-276.	4.3	16
117	Use of event-level neutrino telescope data in global fits for theories of new physics. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 057-057.	5.4	15
118	All-particle cosmic ray energy spectrum measured with 26 IceTop stations. <i>Astroparticle Physics</i> , 2013, 44, 40-58.	4.3	15
119	MAGIC detection of very high energy γ -ray emission from the low-luminosity blazar 1ES1741+196. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 1534-1541.	4.4	15
120	NEUTRINO ANALYSIS OF THE 2010 SEPTEMBER CRAB NEBULA FLARE AND TIME-INTEGRATED CONSTRAINTS ON NEUTRINO EMISSION FROM THE CRAB USING ICECUBE. <i>Astrophysical Journal</i> , 2012, 745, 45.	4.5	13
121	A MC approach to simulate up- and down-going neutrino showers including local topographic conditions. <i>Astroparticle Physics</i> , 2007, 26, 402-413.	4.3	12
122	SEARCHES FOR PERIODIC NEUTRINO EMISSION FROM BINARY SYSTEMS WITH 22 AND 40 STRINGS OF ICECUBE. <i>Astrophysical Journal</i> , 2012, 748, 118.	4.5	11
123	Neutrino oscillation studies with IceCube-DeepCore. <i>Nuclear Physics B</i> , 2016, 908, 161-177.	2.5	11
124	CNN-Based Classifier as an Offline Trigger for the CREDO Experiment. <i>Sensors</i> , 2021, 21, 4804.	3.8	11
125	Photon air showers at ultra-high energy and the photonuclear cross-section. <i>European Physical Journal D</i> , 2006, 56, A327-A336.	0.4	10
126	Using cosmic neutrinos to search for nonperturbative physics at the Pierre Auger Observatory. <i>Physical Review D</i> , 2010, 82, .	4.7	10

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127	SEARCHES FOR HIGH-ENERGY NEUTRINO EMISSION IN THE GALAXY WITH THE COMBINED ICECUBE-AMANDA DETECTOR. <i>Astrophysical Journal</i> , 2013, 763, 33.	4.5	10
128	Anisotropy and chemical composition of ultra-high energy cosmic rays using arrival directions measured by the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 022-022.	5.4	9
129	The IceProd framework: Distributed data processing for the IceCube neutrino observatory. <i>Journal of Parallel and Distributed Computing</i> , 2015, 75, 198-211.	4.1	9
130	Spectral and magnetic properties of one-dimensional superlattices. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 4755-4776.	1.8	8
131	Searching for tau neutrinos with Cherenkov telescopes. <i>Astroparticle Physics</i> , 2015, 61, 12-16.	4.3	8
132	Detection of tau neutrinos by imaging air Cherenkov telescopes. <i>Astroparticle Physics</i> , 2016, 82, 77-85.	4.3	8
133	Phase transitions of deuterated CO(NH ₂) ₂ under pressure. <i>Journal of Chemical Physics</i> , 2000, 113, 8138-8141.	3.0	7
134	Variation of atmospheric depth profile on different time scales. <i>Astroparticle Physics</i> , 2006, 25, 106-117.	4.3	7
135	Optical image of an extensive air shower. <i>Astroparticle Physics</i> , 2001, 16, 129-136.	4.3	6
136	Cosmic-Ray Extremely Distributed Observatory: Status and Perspectives. <i>Universe</i> , 2018, 4, 111.	2.5	6
137	THE SEARCH FOR TRANSIENT ASTROPHYSICAL NEUTRINO EMISSION WITH ICECUBE-DEEPCORE. <i>Astrophysical Journal</i> , 2016, 816, 75.	4.5	5
138	MAGIC observations of the microquasar V404 Cygni during the 2015 outburst. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 1688-1693.	4.4	5
139	The Pierre Auger Observatory: Review of Latest Results and Perspectives. <i>Universe</i> , 2018, 4, 128.	2.5	5
140	A Search for Cosmic Ray Bursts at 0.1 PeV with a Small Air Shower Array. <i>Symmetry</i> , 2022, 14, 501.	2.2	5
141	Ab initio calculation of magnetization density in La ₂ NiO ₄ . <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 257, 235-238.	2.3	4
142	On the primary particle type of the most energetic Fly's Eye event. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006, 151, 96-98.	0.4	4
143	Simulation of ultra-high energy photon showers with PRESHOWER. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006, 151, 119-120.	0.4	4
144	On a possible photon origin of the most-energetic AGASA events. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006, 151, 116-118.	0.4	4

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145	A method for untriggered time-dependent searches for multiple flares from neutrino point sources. <i>Astroparticle Physics</i> , 2011, 35, 201-210.	4.3	4
146	Observation of the black widow B1957+20 millisecond pulsar binary system with the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4608-4617.	4.4	4
147	Determination of Zenith Angle Dependence of Incoherent Cosmic Ray Muon Flux Using Smartphones of the CREDO Project. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1185.	2.5	4
148	The first CREDO registration of extensive air shower. <i>Physics Education</i> , 2020, 55, 055021.	0.5	4
149	Simulation of air shower image in fluorescence light based on energy deposits derived from CORSIKA. <i>Astroparticle Physics</i> , 2004, 22, 29-45.	4.3	3
150	Spectral density functions for polyacetylene within the Peierls - Hubbard model. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 8995-9009.	1.8	2
151	Ab initio calculation of Ni ₅₀ xFe _x Ti ₅₀ . <i>Journal of Physics and Chemistry of Solids</i> , 2005, 66, 1748-1754.	4.0	2
152	Very-high-energy gamma-ray observations of the Type Ia Supernova SN 2014J with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2017, 602, A98.	5.1	2
153	Search for ultra-high energy photons through preshower effect with gamma-ray telescopes: Study of CTA-North efficiency. <i>Astroparticle Physics</i> , 2020, 123, 102489.	4.3	2
154	Neutrino identification with Auger and flux limit. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2009, 196, 207-210.	0.4	1
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